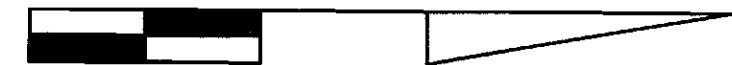


DRILL HOLES

DRILL HOLES

DRILL HOLES

BORDER REV. DATE: June 1, 2004



MD 191 IS CONSIDERED TO
RUN IN A NORTH SOUTH DIRECTION

EQUIPMENT LIST

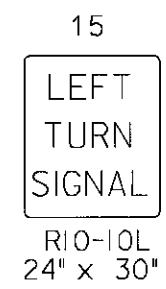
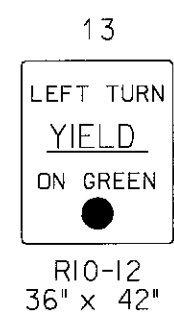
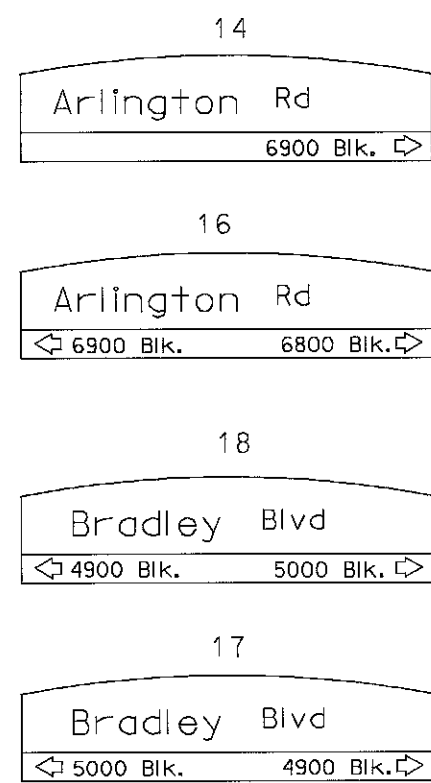
A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT (To be installed by signal shop)	1 EA

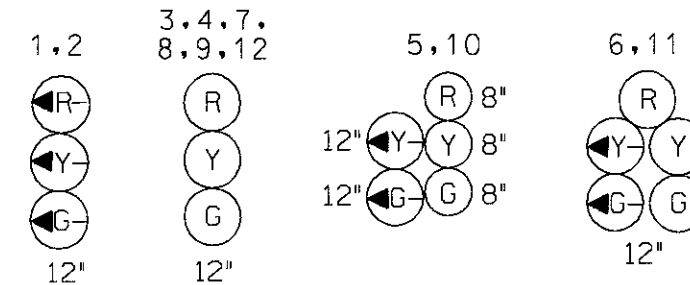
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	* - MOT FOR THIS INTERSECTION HAS ALREADY BEEN INCLUDED IN THE PROJECT COST.	
8020	VIDEO DETECTION CAMERA.	4 EA
8021	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	4 EA

EXISTING SIGNS



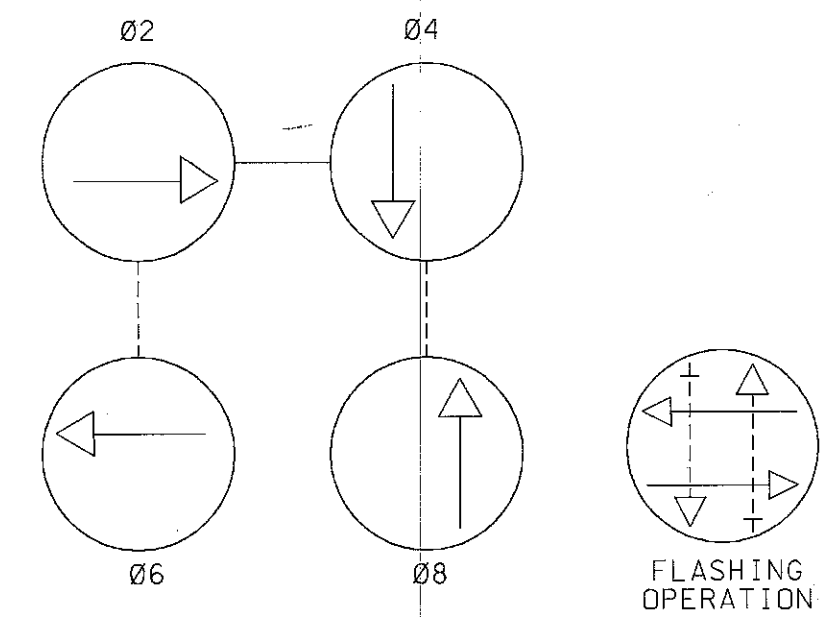
EXISTING SIGNALS



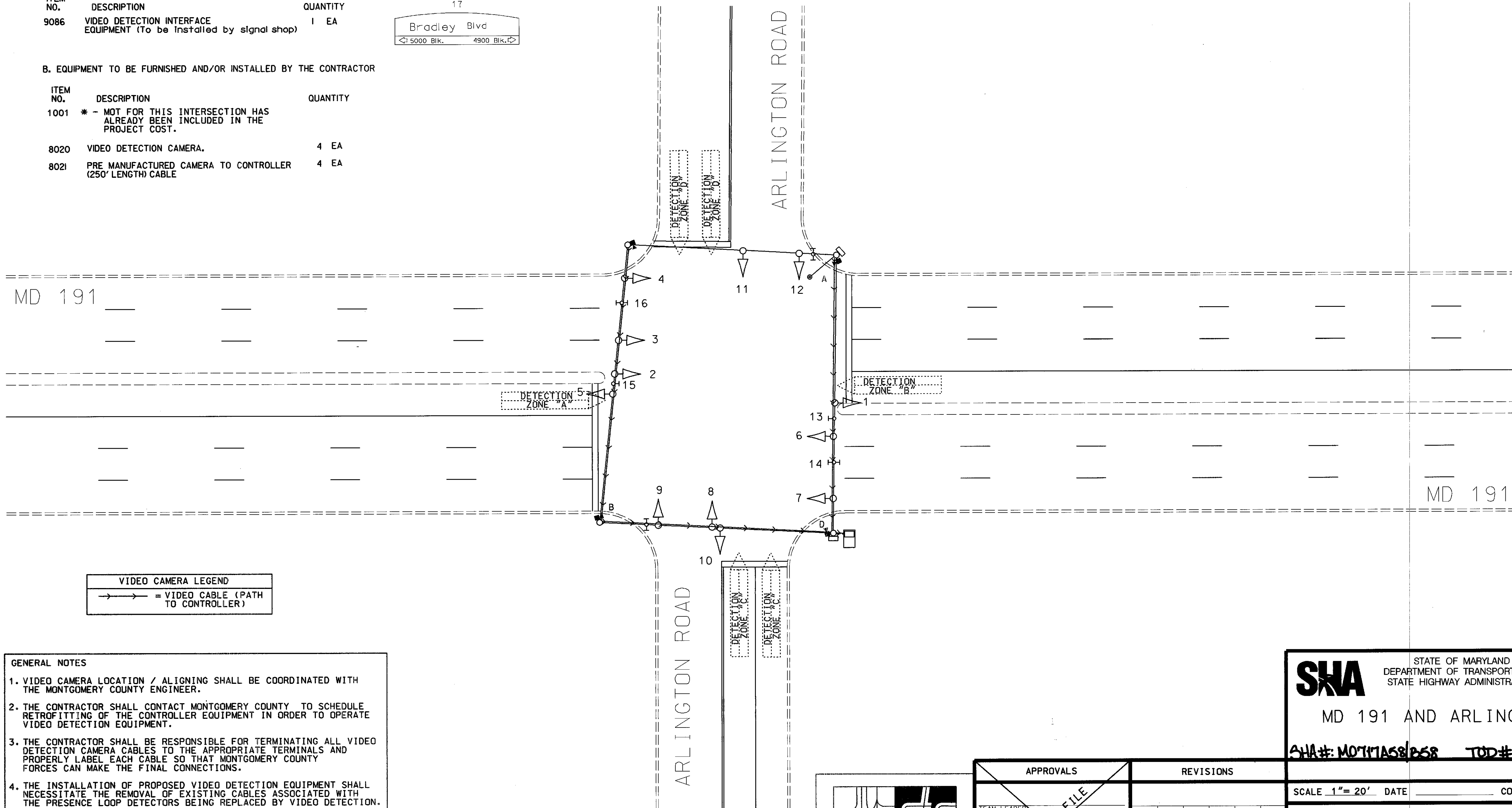
PROPOSED CAMERAS

■ - VIDEO DETECTION CAMERA (A-D)

NEMA PHASING

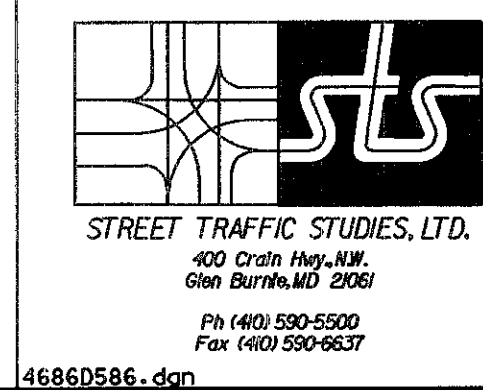


PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



- GENERAL NOTES
- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE MONTGOMERY COUNTY ENGINEER.
 - THE CONTRACTOR SHALL CONTACT MONTGOMERY COUNTY TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT MONTGOMERY COUNTY FORCES CAN MAKE THE FINAL CONNECTIONS.
 - THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
 - ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
 - ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV



APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
1/2005 REPLACE LOOP DETECTION WITH VIDEO CAMERAS

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
MD 191 AND ARLINGTON ROAD	
SHA#: MD171A58/258 TOD#: MD1717-07	
SCALE 1"= 20'	DATE
CONTRACT NO.	
DESIGNED BY MONTGOMERY CO.	COUNTY MONTGOMERY
DRAWN BY MONTGOMERY CO.	LOGMILE 15019108.65
CHECKED BY MONTGOMERY CO.	TMS NO: 0586
F.A.P. NO.	
DRAWING NO. 4385A	OF
SHEET NO. 3 OF 5	

PLOTTED: \$DATE\$
FILE: \$FILE\$